



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE Washington, D.C. 20231 www.uspto.gov

Bib Data Sheet

**CONFIRMATION NO. 2479** 

SERIAL NUMBER 09/089,098	FILING DATE 06/02/1998 RULE	CLASS FOZ 715		GROUP ART UNIT 2178		ATTORNEY DOCKET NO. RA998-003		
APPLICANTS								
RANDAL LEE I	BERTRAM, RALEIGH, NC;							
** CONTINUING DATA **********************************								
** FOREIGN APPLICATIONS ************************************								
IF REQUIRED, FOREI ** 06/19/1998	GN FILING LICENSE GRANT	ED						
Foreign Priority claimed yes no STATE OR				SH	SHEETS		TAL	INDEPENDENT
35 USC 119 (a-d) conditions met					DRAWING C		AIMS 31	CLAIMS 5
ADDRESS 25299 IBM CORPORATION PO BOX 12195 DEPT 9CCA, BLDG 00 RESEARCH TRIANGL 27709								·
TITLE METHOD AND SYSTE CONTAINING TEXT D	EM FOR REDUCING THE HO IATA	RIZONTAI	L SPACE REQU	IRED F	OR DISPL	AYING /	A COLUI	MN
				All Fees				
FILING FEE FE	ES: Authority has been given		1.16 Fees ( Filing )					
No	Noto charge/credit DEPOSIT Nofor following:		ACCOUNT		1.17 Fees ( Processing Ext. of time )  1.18 Fees ( Issue )			
2080			Other					
					Credit			